



LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY JOHN HAAS AND JOE PERCELL ABOARD THE USACOE SURVEY VESSEL WHEELER

AUTOMATED EQUIPMENT USED

POSITIONING: TSS POS-MV
DATA PROCESSOR: DELL 330 PC
SOFTWARE: HYPACK
PLOTTER: ENCAD CADJET 2
SONIC SOUNDER: RESON SEABAT 8125

PROJECT DEPTH 29.0'
29.0 FT CONTOUR SHOWN THUS

- NOTES:
- GAGES USED WERE OBTAINED BY AVERAGING DATA FROM NOAA GAGES AT FERNI POWER PLANT AND GIBRALTAR MI. DATA WAS OBTAINED ELECTRONICALLY VIA THE INTERNET
 - POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
 - DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTI-BEAM ECHOSOUND SYSTEM AND THE ODOM DIGISAR PRO DB1200 VELOCITY PROFILER
 - EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE LARGEST STRIKE LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.

